

HYDRIC SOIL INTERPRETATIONS
HYDRIC SOILS LIST
Grant County, South Dakota

All mapunits are displayed regardless of hydric status and are listed in alpha-numeric order by mapunit symbol. The "Hydric Soils Criteria" columns indicate the conditions that caused the mapunit component to be classified as "Hydric" or "Non-Hydric". These criteria are defined in "Hydric Soils of the United States"(USDA Miscellaneous Publication No. 1491, June, 1991). See the "Criteria for Hydric Soils" endnote todetermine the meaning of these columns. Spot symbols are footnoted at the end of the table.

Map symbol and map unit name	Component	Hydric	Local landform	Hydric soils criteria			
				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria
Aa: AASTAD-FLOM COMPLEX	AASTAD	No	---	---	---	---	---
	FLOM	Yes	flood plain	2B3	YES	NO	NO
	FORMAN	No	---	---	---	---	---
	TONKA	Yes	pothole	2B3,3	YES	NO	YES
	VALLERS	Yes	flood plain	2B3	YES	NO	NO
AbA: ARVILLA SANDY LOAM, 0 TO 2 PERCENT SLOPES	ARVILLA	No	---	---	---	---	---
	FORDVILLE	No	---	---	---	---	---
AbB: ARVILLA SANDY LOAM, 2 TO 6 PERCENT SLOPES	ARVILLA	No	---	---	---	---	---
	FORDVILLE	No	---	---	---	---	---
AbC: ARVILLA SANDY LOAM, 6 TO 9 PERCENT SLOPES	ARVILLA	No	---	---	---	---	---
	FORDVILLE	No	---	---	---	---	---
	SIOUX	No	---	---	---	---	---
BaE: BARNES-BUSE EXTREMELY STONY LOAMS, 9 TO 40 PERCENT SLOPES	BARNES	No	---	---	---	---	---
	BUSE	No	---	---	---	---	---
	ARVILLA	No	---	---	---	---	---
	PARNELL	Yes	pothole	2B3,3	YES	NO	YES
	RENSHAW	No	---	---	---	---	---
	SIOUX	No	---	---	---	---	---
	TONKA	Yes	pothole	2B3,3	YES	NO	YES
	VALLERS	Yes	flood plain	2B3	YES	NO	NO
BbB: BARNES-SVEA LOAMS, 1 TO 6 PERCENT SLOPES	BARNES	No	---	---	---	---	---
	SVEA	No	---	---	---	---	---
	PEEVER	No	---	---	---	---	---
	TONKA	Yes	pothole	2B3,3	YES	NO	YES
	VALLERS	Yes	flood plain	2B3	YES	NO	NO
	HEIMDAL	No	---	---	---	---	---
BbC: BARNES-SVEA LOAMS, 3 TO 9 PERCENT SLOPES	BARNES	No	---	---	---	---	---
	SVEA	No	---	---	---	---	---
	BUSE	No	---	---	---	---	---
	HEIMDAL	No	---	---	---	---	---
	TONKA	Yes	pothole	2B3,3	YES	NO	YES
	VALLERS	Yes	flood plain	2B3	YES	NO	NO
BbD: BARNES-SVEA LOAMS, 4 TO 15 PERCENT SLOPES	BARNES	No	---	---	---	---	---
	SVEA	No	---	---	---	---	---
	CASTLEWOOD	Yes	flood plain	2B3	YES	NO	NO
	TONKA	Yes	pothole	2B3,3	YES	NO	YES
	VALLERS	Yes	flood plain	2B3	YES	NO	NO
Bc: CUBDEN SILTY CLAY LOAM	CUBDEN	No	---	---	---	---	---
	BADGER	Yes	flood plain	2A	YES	NO	NO
	TONKA	Yes	pothole	3,2B3	YES	NO	YES

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Map symbol and map unit name	Component	Hydric	Local landform	Hydric soils criteria			
				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria
Bd: BROOKINGS SILT LOAM	BROOKINGS	No	---	---	---	---	---
	LISMORE	No	---	---	---	---	---
	VALLERS	Yes	flood plain	2B3	YES	NO	NO
	TONKA	Yes	pothole	2B3,3	YES	NO	YES
BeF: BUSE-FORMAN LOAMS, 25 TO 40 PERCENT SLOPES	BUSE	No	---	---	---	---	---
	FORMAN	No	---	---	---	---	---
	AASTAD	No	---	---	---	---	---
	LADELLE	No	---	---	---	---	---
	RENSHAW	No	---	---	---	---	---
	SIOUX	No	---	---	---	---	---
	TONKA	Yes	pothole	2B3,3	YES	NO	YES
	VALLERS	Yes	flood plain	2B3	YES	NO	NO
BfD: BUSE-FORMAN-AASTAD LOAMS, 4 TO 15 PERCENT SLOPES	BUSE	No	---	---	---	---	---
	AASTAD	No	---	---	---	---	---
	FORMAN	No	---	---	---	---	---
	TONKA	Yes	pothole	2B3,3	YES	NO	YES
	HATTIE	No	---	---	---	---	---
	PEEVER	No	---	---	---	---	---
	VALLERS	Yes	flood plain	2B3	YES	NO	NO
Da: DIVIDE LOAM	DIVIDE	No	---	---	---	---	---
	MARYSLAND	Yes	flood plain	2B3	YES	NO	NO
	RAUVILLE	Yes	flood plain	2B3,4	YES	YES	NO
	RENSHAW	No	---	---	---	---	---
Db: CASTLEWOOD SILTY CLAY	CASTLEWOOD	Yes	flood plain	2B3	YES	NO	NO
	BEARDEN	No	---	---	---	---	---
	LADELLE	No	---	---	---	---	---
EaA: EGELAND FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	EGELAND	No	---	---	---	---	---
	SWENODA	No	---	---	---	---	---
EaB: EGELAND FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	EGELAND	No	---	---	---	---	---
	MADDOCK	No	---	---	---	---	---
	SWENODA	No	---	---	---	---	---
	HEIMDAL	No	---	---	---	---	---
Ec: ESTELLINE SILTY CLAY LOAM	ESTELLINE	No	---	---	---	---	---
	RENSHAW	No	---	---	---	---	---
Fa: FLOM CLAY LOAM	FLOM	Yes	flood plain	2B3	YES	NO	NO
	AASTAD	No	---	---	---	---	---
	TONKA	Yes	pothole	2B3,3	YES	NO	YES
	VALLERS	Yes	flood plain	2B3	YES	NO	NO
FbA: FORDVILLE LOAM, 0 TO 2 PERCENT SLOPES	FORDVILLE	No	---	---	---	---	---
	DIVIDE	No	---	---	---	---	---
	RENSHAW	No	---	---	---	---	---

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Map symbol and map unit name	Component	Hydric	Local landform	Hydric soils criteria			
				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria
FcB: FORDVILLE-RENSHAW LOAMS, 2 TO 6 PERCENT SLOPES	FORDVILLE	No	---	---	---	---	---
	RENSHAW	No	---	---	---	---	---
	DIVIDE	No	---	---	---	---	---
	SIOUX	No	---	---	---	---	---
FdA: FORMAN-AASTAD LOAMS, 0 TO 2 PERCENT SLOPES	FORMAN	No	---	---	---	---	---
	AASTAD	No	---	---	---	---	---
	PEEVER	No	---	---	---	---	---
	TONKA	Yes	pothole	2B3,3	YES	NO	YES
FdB: FORMAN-AASTAD LOAMS, 1 TO 6 PERCENT SLOPES	VALLERS	Yes	flood plain	2B3	YES	NO	NO
	FORMAN	No	---	---	---	---	---
	AASTAD	No	---	---	---	---	---
	TONKA	Yes	pothole	3,2B3	YES	NO	YES
FdC: FORMAN-AASTAD LOAMS, 3 TO 9 PERCENT SLOPES	BUSE	No	---	---	---	---	---
	FLOM	Yes	flood plain	2B3	YES	NO	NO
	PARNELL	Yes	pothole	3,2B3	YES	NO	YES
	PEEVER	No	---	---	---	---	---
FDD: FORMAN-AASTAD LOAMS, 4 TO 15 PERCENT SLOPES	VALLERS	Yes	flood plain	2B3	YES	NO	NO
	FORMAN	No	---	---	---	---	---
	AASTAD	No	---	---	---	---	---
	BUSE	No	---	---	---	---	---
FeC: FORMAN-AASTAD EXTREMELY STONY COMPLEX, 0 TO 9 PERCENT SLOPES	PARNELL	Yes	pothole	2B3,3	YES	NO	YES
	SIOUX	No	---	---	---	---	---
	VALLERS	Yes	flood plain	2B3	YES	NO	NO
	FLOM	Yes	flood plain	2B3	YES	NO	NO
	RENSHAW	No	---	---	---	---	---
	FORMAN	No	---	---	---	---	---
	AASTAD	No	---	---	---	---	---
	BUSE	No	---	---	---	---	---
	FLOM	Yes	flood plain	2B3	YES	NO	NO
	TONKA	Yes	pothole	2B3,3	YES	NO	YES
	PARNELL	Yes	pothole	2B3,3	YES	NO	YES
	VALLERS	Yes	flood plain	2B3	YES	NO	NO

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Map symbol and map unit name	Component	Hydric	Local landform	Hydric soils criteria			
				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria
FgC: FORMAN-BUSE LOAMS, 6 TO 9 PERCENT SLOPES	FORMAN	No	---	---	---	---	---
	BUSE	No	---	---	---	---	---
	AASTAD	No	---	---	---	---	---
	FLOM	Yes	flood plain	2B3	YES	NO	NO
	TONKA	Yes	pothole	2B3,3	YES	NO	YES
	VALLERS	Yes	flood plain	2B3	YES	NO	NO
FgE: FORMAN-BUSE LOAMS, 15 TO 25 PERCENT SLOPES	FORMAN	No	---	---	---	---	---
	BUSE	No	---	---	---	---	---
	AASTAD	No	---	---	---	---	---
	RENSHAW	No	---	---	---	---	---
	SIOUX	No	---	---	---	---	---
	VALLERS	Yes	flood plain	2B3	YES	NO	NO
	FLOM	Yes	flood plain	2B3	YES	NO	NO
	PARNELL	Yes	pothole	3,2B3	YES	NO	YES
FhE: FORMAN-BUSE EXTREMELY STONY LOAMS, 9 TO 40 PERCENT SLOPES	FORMAN	No	---	---	---	---	---
	BUSE	No	---	---	---	---	---
	AASTAD	No	---	---	---	---	---
	SIOUX	No	---	---	---	---	---
	VALLERS	Yes	flood plain	2B3	YES	NO	NO
	BARNES	No	---	---	---	---	---
	PARNELL	Yes	pothole	2B3,3	YES	NO	YES
HaD: HATTIE CLAY LOAM, 9 TO 15 PERCENT SLOPES	HATTIE	No	---	---	---	---	---
	PEEVER	No	---	---	---	---	---
	AASTAD	No	---	---	---	---	---
HaE: HATTIE CLAY LOAM, 15 TO 40 PERCENT SLOPES	HATTIE	No	---	---	---	---	---
	PEEVER	No	---	---	---	---	---
	AASTAD	No	---	---	---	---	---
	LADELLE	No	---	---	---	---	---
HbB: HEIMDAL-SISSETON LOAMS, 2 TO 6 PERCENT SLOPES	SISSETON	No	---	---	---	---	---
	SVEA	No	---	---	---	---	---
	TONKA	Yes	pothole	2B3,3	YES	NO	YES
	VALLERS	Yes	flood plain	2B3	YES	NO	NO
	HEIMDAL	No	---	---	---	---	---
HbC: HEIMDAL-SISSETON LOAMS, 6 TO 9 PERCENT SLOPES	HEIMDAL	No	---	---	---	---	---
	SISSETON	No	---	---	---	---	---
	SVEA	No	---	---	---	---	---
	TONKA	Yes	pothole	2B3,3	YES	NO	YES
	VALLERS	Yes	flood plain	2B3	YES	NO	NO

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Map symbol and map unit name	Component	Hydric	Local landform	Hydric soils criteria			
				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria
HcA: HEIMDAL-SVEA LOAMS, 0 TO 2 PERCENT SLOPES	HEIMDAL	No	---	---	---	---	---
	SVEA	No	---	---	---	---	---
	POINSETT	No	---	---	---	---	---
	TONKA	Yes	pothole	2B3,3	YES	NO	YES
	VALLERS	Yes	flood plain	2B3	YES	NO	NO
HcB: HEIMDAL-SVEA LOAMS, 2 TO 6 PERCENT SLOPES	HEIMDAL	No	---	---	---	---	---
	SVEA	No	---	---	---	---	---
	BARNES	No	---	---	---	---	---
	PARNELL	Yes	pothole	2B3,3	YES	NO	YES
	SISSETON	No	---	---	---	---	---
	TONKA	Yes	pothole	2B3,3	YES	NO	YES
	VALLERS	Yes	flood plain	2B3	YES	NO	NO
La: LADELLE SILT LOAM	LADELLE	No	---	---	---	---	---
	CASTLEWOOD	Yes	flood plain	2B3	YES	NO	NO
Lb: LADELLE SILT LOAM, CHANNELED	PLAYMOOR	Yes	flood plain	2B3	YES	NO	NO
	LADELLE	No	---	---	---	---	---
	AASTAD	No	---	---	---	---	---
	MARYSLAND	Yes	flood plain	2B3	YES	NO	NO
	SVEA	No	---	---	---	---	---
	FORMAN	No	---	---	---	---	---
	PLAYMOOR	Yes	flood plain	2B3	YES	NO	NO
Lc: LUDDEN SILTY CLAY	RAUVILLE	Yes	flood plain	2B3,4	YES	YES	NO
	LUDDEN	Yes	flood plain	2B3,3,4	YES	YES	YES
	PARNELL	Yes	pothole	2B3,3	YES	NO	YES
	PLAYMOOR	Yes	flood plain	2B3	YES	NO	NO
Lp: LA PRAIRIE LOAM	LA PRAIRIE	No	---	---	---	---	---
	CASTLEWOOD	Yes	flood plain	2B3	YES	NO	NO
	LAMOURE	Yes	flood plain	2A	YES	NO	NO
M-W: MISCELLANEOUS WATER	ARVILLA	No	---	---	---	---	---
	MISCELLANEOU S WATER	---	---	---	---	---	---
MaE: MADDOCK LOAMY FINE SAND, 6 TO 25 PERCENT SLOPES	MADDOCK	No	---	---	---	---	---
	ARVILLA	No	---	---	---	---	---
	HEIMDAL	No	---	---	---	---	---
	SIOUX	No	---	---	---	---	---
	MARYSLAND	Yes	flood plain	2B3	YES	NO	NO
Mb: MARYSLAND LOAM	DIVIDE	No	---	---	---	---	---
	RAUVILLE	Yes	flood plain	4,2B3	YES	YES	NO
Oa: OVERLY SILTY CLAY LOAM	OVERLY	No	---	---	---	---	---
	BEARDEN	No	---	---	---	---	---
	PEEVER	No	---	---	---	---	---
	PARNELL	Yes	pothole	2B3,3	YES	NO	YES

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Map symbol and map unit name	Component	Hydric	Local landform	Hydric soils criteria			
				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria
Pa: PARNELL SILTY CLAY LOAM	PARNELL	Yes	pothole	3,2B3	YES	NO	YES
	VALLERS	Yes	flood plain	2B3	YES	NO	NO
Pb: SOUTHAM SILTY CLAY LOAM	SOUTHAM	Yes	pothole	3,2B3	YES	NO	YES
	VALLERS	Yes	flood plain	2B3	YES	NO	NO
PcA: PEEVER CLAY LOAM, 0 TO 2 PERCENT SLOPES	PEEVER	No	---	---	---	---	---
	CAVOUR	No	---	---	---	---	---
	FORMAN	No	---	---	---	---	---
	RENTILL	No	---	---	---	---	---
	SWENODA	No	---	---	---	---	---
	TONKA	Yes	pothole	2B3,3	YES	NO	YES
PcB: PEEVER CLAY LOAM, 2 TO 6 PERCENT SLOPES	PEEVER	No	---	---	---	---	---
	AASTAD	No	---	---	---	---	---
	FORMAN	No	---	---	---	---	---
	RENTILL	No	---	---	---	---	---
	CAVOUR	No	---	---	---	---	---
	PARNELL	Yes	pothole	3,2B3	YES	NO	YES
PcC: PEEVER CLAY LOAM, 6 TO 9 PERCENT SLOPES	TONKA	Yes	pothole	3,2B3	YES	NO	YES
	PEEVER	No	---	---	---	---	---
	AASTAD	No	---	---	---	---	---
	HATTIE	No	---	---	---	---	---
	TONKA	Yes	pothole	3,2B3	YES	NO	YES
Pd: PEEVER-CAVOUR COMPLEX	PEEVER	No	---	---	---	---	---
	CAVOUR	No	---	---	---	---	---
	FORMAN	No	---	---	---	---	---
	SWENODA	No	---	---	---	---	---
	TONKA	Yes	pothole	3,2B3	YES	NO	YES
Pe: PEEVER-TONKA COMPLEX	PEEVER	No	---	---	---	---	---
	TONKA	Yes	pothole	3,2B3	YES	NO	YES
	CAVOUR	No	---	---	---	---	---
	FORMAN	No	---	---	---	---	---
	VALLERS	Yes	flood plain	2B3	YES	NO	NO
Pf: ORTHENTS, GRAVELLY	ORTHENTS, GRAVELLY	No	---	---	---	---	---
Ph: PLAYMOOR SILTY CLAY LOAM	PLAYMOOR	Yes	flood plain	2B3	YES	NO	NO
	LADELLE	No	---	---	---	---	---
	LUDDEN	Yes	flood plain	2B3,3,4	YES	YES	YES
	VALLERS	Yes	flood plain	2B3	YES	NO	NO
Po: POINSETT SILT LOAM	POINSETT	No	---	---	---	---	---
	WAUBAY	No	---	---	---	---	---
	BADGER	Yes	flood plain	2A	YES	NO	NO
Ra: RAUVILLE SILTY CLAY LOAM	RAUVILLE	Yes	flood plain	4,2B3	YES	YES	NO
	MARYSLAND	Yes	flood plain	2B3	YES	NO	NO
	VALLERS	Yes	flood plain	2B3	YES	NO	NO

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				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria
RbA: RENSHAW LOAM, 0 TO 2 PERCENT SLOPES	RENSHAW	No	---	---	---	---	---
	FORDVILLE	No	---	---	---	---	---
	RENTILL	No	---	---	---	---	---
	SIOUX	No	---	---	---	---	---
	DIVIDE	No	---	---	---	---	---
RbB: RENSHAW LOAM, 2 TO 6 PERCENT SLOPES	RENSHAW	No	---	---	---	---	---
	FORDVILLE	No	---	---	---	---	---
	SIOUX	No	---	---	---	---	---
	DIVIDE	No	---	---	---	---	---
RcD: RENSHAW-SIOUX COMPLEX, 6 TO 15 PERCENT SLOPES	RENSHAW	No	---	---	---	---	---
	SIOUX	No	---	---	---	---	---
	FORDVILLE	No	---	---	---	---	---
RdE: RENSHAW-SIOUX EXTREMELY STONY COMPLEX, 6 TO 40 PERCENT SLOPES	RENSHAW	No	---	---	---	---	---
	SIOUX	No	---	---	---	---	---
	FORDVILLE	No	---	---	---	---	---
ReA: RENTILL LOAM, 0 TO 2 PERCENT SLOPES	RENTILL	No	---	---	---	---	---
	FORDVILLE	No	---	---	---	---	---
	PEEVER	No	---	---	---	---	---
	RENSHAW	No	---	---	---	---	---
SaE: SIOUX-RENSHAW COMPLEX, 15 TO 40 PERCENT SLOPES	TONKA	Yes	pothole	2B3,3	YES	NO	YES
	SIOUX	No	---	---	---	---	---
	RENSHAW	No	---	---	---	---	---
SbE: SISSETON LOAM, 15 TO 40 PERCENT SLOPES	FORDVILLE	No	---	---	---	---	---
	SISSETON	No	---	---	---	---	---
	HEIMDAL	No	---	---	---	---	---
ScD: SISSETON-HEIMDAL LOAMS, 9 TO 15 PERCENT SLOPES	SVEA	No	---	---	---	---	---
	SISSETON	No	---	---	---	---	---
	HEIMDAL	No	---	---	---	---	---
	RENSHAW	No	---	---	---	---	---
	SIOUX	No	---	---	---	---	---
	SVEA	No	---	---	---	---	---
	TONKA	Yes	pothole	2B3,3	YES	NO	YES
Sd: SVEA LOAM	VALLERS	Yes	flood plain	2B3	YES	NO	NO
	SVEA	No	---	---	---	---	---
	HEIMDAL	No	---	---	---	---	---
	FLOM	Yes	flood plain	2B3	YES	NO	NO
	TONKA	Yes	pothole	3,2B3	YES	NO	YES

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				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria
SeA: SWENODA FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	SWENODA	No	---	---	---	---	---
	EGELAND	No	---	---	---	---	---
	PEEVER	No	---	---	---	---	---
	TONKA	Yes	pothole	3,2B3	YES	NO	YES
Ta: TONKA SILT LOAM	TONKA	Yes	pothole	2B3,3	YES	NO	YES
	VALLERS	Yes	flood plain	2B3	YES	NO	NO
Va: VALLERS LOAM	VALLERS	Yes	flood plain	2B3	YES	NO	NO
	PARNELL	Yes	pothole	2B3,3	YES	NO	YES
	TONKA	Yes	pothole	2B3,3	YES	NO	YES
Vb: VALLERS-PARNELL COMPLEX	VALLERS	Yes	flood plain	2B3	YES	NO	NO
	PARNELL	Yes	pothole	3,2B3	YES	NO	YES
	FLOM	Yes	flood plain	2B3	YES	NO	NO
	TONKA	Yes	pothole	3,2B3	YES	NO	YES
Vc: VALLERS-TONKA COMPLEX	VALLERS	Yes	flood plain	2B3	YES	NO	NO
	TONKA	Yes	pothole	3,2B3	YES	NO	YES
	FLOM	Yes	flood plain	2B3	YES	NO	NO
	PARNELL	Yes	pothole	3,2B3	YES	NO	YES
VdD: VIENNA-BUSE COMPLEX, 9 TO 15 PERCENT SLOPES	VIENNA	No	---	---	---	---	---
	BUSE	No	---	---	---	---	---
	LISMORE	No	---	---	---	---	---
	VALLERS	Yes	flood plain	2B3	YES	NO	NO
VeA: VIENNA-LISMORE SILT LOAMS, 0 TO 2 PERCENT SLOPES	VIENNA	No	---	---	---	---	---
	LISMORE	No	---	---	---	---	---
	BROOKINGS	No	---	---	---	---	---
	TONKA	Yes	pothole	3,2B3	YES	NO	YES
	VALLERS	Yes	flood plain	2B3	YES	NO	NO
VeB: VIENNA-LISMORE SILT LOAMS, 1 TO 6 PERCENT SLOPES	VIENNA	No	---	---	---	---	---
	LISMORE	No	---	---	---	---	---
	BARNES	No	---	---	---	---	---
	BROOKINGS	No	---	---	---	---	---
	FORMAN	No	---	---	---	---	---
	TONKA	Yes	pothole	2B3,3	YES	NO	YES
	VALLERS	Yes	flood plain	2B3	YES	NO	NO
VeC: VIENNA-LISMORE SILT LOAMS, 3 TO 9 PERCENT SLOPES	VIENNA	No	---	---	---	---	---
	LISMORE	No	---	---	---	---	---
	BUSE	No	---	---	---	---	---
	VALLERS	Yes	flood plain	2B3	YES	NO	NO
W: WATER	WATER	Unrank ed	---	---	---	---	---

HYDRIC SOIL INTERPRETATIONS
HYDRIC SOILS LIST
Grant County, South Dakota

All mapunits are displayed regardless of hydric status and are listed in alpha-numeric order by mapunit symbol. The "Hydric Soils Criteria" columns indicate the conditions that caused the mapunit component to be classified as "Hydric" or "Non-Hydric". These criteria are defined in "Hydric Soils of the United States"(USDA Miscellaneous Publication No. 1491, June, 1991). See the "Criteria for Hydric Soils" endnote todetermine the meaning of these columns. Spot symbols are footnoted at the end of the table.

Map symbol and map unit name	Component	Hydric	Local landform	Hydric soils criteria			
				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria

FOOTNOTE: There may be small areas of included soils or miscellaneous areas that are significant to use an management of the soil; yet are too small to delineate on the soil map at the map's original scale. These may be designated as spot symbols and are defined in the published Soil Survey Report or the USDA-NRCS Technical Guide, Part II. Areas mapped as water or any map unit that contains one of the following conventional symbols is considered a hydric soil map unit: marshes or swamps; wet spots; depressions; streams, lakes and ponds.

1. All Histosols except Folists, or
2. Soils in Aquic suborders, great groups, or subgroups, Albolls suborder, Aquisalids, Pachic subgroups, or Cumulic subgroups that are:
 - a. Somewhat poorly drained with a water table equal to 0.0 foot (ft) from the surface during the growing season, or
 - b. poorly drained or very poorly drained and have either:
 - (1) water table equal to 0.0 ft during the growing season if textures are coarse sand, sand, or fine sand in all layers within 20 inches (in),
or for other soils
 - (2) water table at less than or equal to 0.5 ft from the surface during the growing season if permeability is equal to or greater than 6.0 in/hour (h) in all layers within 20 in, or
 - (3) water table at less than or equal to 1.0 ft from the surface during the growing season if permeability is less than 6.0 in/h in any layer within 20 in, or
3. Soils that are frequently ponded for long duration or very long duration during the growing season, or
4. Soils that are frequently flooded for long duration or very long duration during the growing season.

